

RADIO FIX AND HOLDING DATA RECORD

NAME: BENEC

STATE: MN

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 464645.57N/0920511.44W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

FIX RESTRICTIONS:

COPTER RNAV (GPS) 333, MN33, DULUTH, MN

HOLDING:

HOLDING TYPE OF ACTION:

REMARKS:

5/17/17 THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 3/28/17.
UPDATED DATE OF REVISION FROM 10/15/15 TO 6/22/17.

FIX USE:

USE TYPE
SPECIAL IAP

USE TITLE
COPTER RNAV (GPS) 333

FAC

PAT

AIRPORT IDENT
MN33

CITY
DULUTH

STATE
MN (US)

REQUIRED CHARTING: SPECIAL IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 06/22/2017

REASON FOR REVISION:

DELETED FAC 1.
DELETED PRIVATE SIAP FROM REMARKS.
MOVED FIX RESTRICTION FROM REMARKS TO FIX RESTRICTIONS.
ADDED SPECIAL IAP TO REQUIRED CHARTING.
UPDATED FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 05/13/2015

OFFICE: AJV-5413

NAME: JERRY MCCULLOUGH

APPROVED BY:

DATE: 08/07/2024

OFFICE: AJV-A420

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by

DAVID DANNER

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY: DLH APP CON
OTHER:

Oct 21, 2024

QUALITY
20
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: EVESE STATE: MN COUNTRY: US ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 464459.63N/0920349.53W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: CANCEL

FIX RESTRICTIONS:
COPTER RNAV GPS 333, MN33, DULUTH, MN

HOLDING: **HOLDING TYPE OF ACTION:**

REMARKS:
5/17/17 THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 3/28/17.
UPDATED DATE OF REVISION FROM 10/15/15 TO 6/22/17.

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
SPECIAL IAP	COPTER RNAV GPS 333			MN33	DULUTH	MN (US)

REQUIRED CHARTING: SPECIAL IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 06/22/2017

REASON FOR REVISION:
DELETED FAC 1.
DELETED PRIVATE SIAP FROM REMARKS.
MOVED FIX RESTRICTION FROM REMARKS TO FIX RESTRICTIONS.
ADDED SPECIAL SIAP TO REQUIRED CHARTING.
UPDATED FIX USE.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 05/13/2015	OFFICE: AJV-5413	NAME: JERRY MCCULLOUGH
APPROVED BY:	DATE: 02/20/2025	OFFICE: AJV-A420	NAME: CASIMIR TABAKA
SIGNATURE: <i>Digitally signed by</i> DAVID DANNER			

DISTRIBUTION: NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY: DLH APP CON
OTHER: Oct 21, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: FITMA

STATE: WI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 464220.71N/0920146.83W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

FIX RESTRICTIONS:

COPTER RNAV (GPS) 333, MN33, DULUTH, MN

HOLDING:

HOLDING TYPE OF ACTION:

REMARKS:

5/17/17 THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 3/28/17.
UPDATED DATE OF REVISION FROM 10/15/15 TO 6/22/17.

FIX USE:

USE TYPE
SPECIAL IAP

USE TITLE
COPTER RNAV (GPS) 333

FAC

PAT

AIRPORT IDENT
MN33

CITY
DULUTH

STATE
MN (US)

REQUIRED CHARTING: SPECIAL IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 06/22/2017

REASON FOR REVISION:

DELETED FAC 1.
DELETED PRIVATE SIAP FROM REMARKS.
MOVED FIX RESTRICTION FROM REMARKS TO FIX RESTRICTIONS.
ADDED SPECIAL IAP TO REQUIRED CHARTING.
UPDATED FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 05/13/2015

OFFICE: AJV-5413

NAME: JERRY MCCULLOUGH

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A420

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by

DAVID DANNER

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY: DLH APP CON
OTHER:

Oct 21, 2024

QUALITY
20
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: POTLY

STATE: WI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 463925.53N/0920338.55W

TYPE: WP

AIRSPACE DOCKET: 19-AGL-7

FIX TYPE OF ACTION: CANCEL

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
SPECIAL IAP

USE TITLE
COPTER RNAV (GPS) 333

FAC

PAT

AIRPORT IDENT
MN33

CITY
DULUTH

STATE
MN (US)

REQUIRED CHARTING: EN ROUTE LOW, SPECIAL IAP, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 03/26/2020

REASON FOR REVISION:

TYPE: DELETED DME - FIX HAS NO CONVENTIONAL NAVAID USAGE.

AIRSPACE DOCKET: ADDED 19-AGL-7.

FIX MAKE-UP FACILITIES: REMOVED FAC 1 (DLH).

REMARKS: DELETED PREVIOUS REMARKS.

FIX USE: REMOVED V177.

REQUIRED CHARTING: CHANGED CONTROLLER TO CONTROLLER LOW.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: BARRY SMITH

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A420

NAME: CASIMIR TABAKA

SIGNATURE: *Digitally signed by*

DAVID DANNER

DISTRIBUTION:

NFDC

FPO: CEN

ARTCC: ZMP

ATC FACILITY: DLH APP CON

OTHER:

Oct 21, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: UPADE

STATE: WI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 464201.32N/0915709.11W

TYPE: WP, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	DULUTH	DLH	VORTAC	H	115.52	120.52	12.00	12.00		6000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	V217					

REQUIRED CHARTING: EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

DELETED FIX USE: MN33 SPECIAL IAPS - COPTER RNAV (GPS) 333.

DELETED REQUIRED CHARTING: SPECIAL IAP AND CONTROLLER.

ADDED REQUIRED CHARTING: CONTROLLER LOW.

DELETED REMARKS: 5/17/17 THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 3/28/17 AND UPDATED DATE OF REVISION FROM 10/15/15 TO 6/22/17.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: ANDRE MARSH

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A420

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by

DAVID DANNER

Oct 21, 2024

